

GeoCaching

Name _____

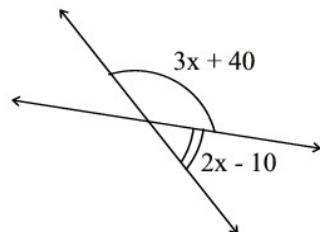
ANSWER Sheet

Show all work on this paper. There is a printable "Certificate" available in the last box. To start, go to

<http://mathbits.com/caching/geoopencache1.html>

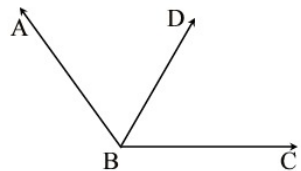
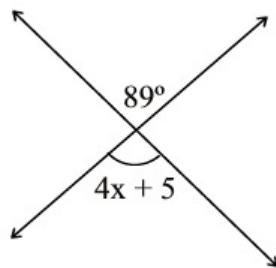
Box 1:

1. Assume the two lines shown at the right to be straight. Find the size of the two indicated angles.



2.

\overline{BD} bisects $\angle ABC$
 $m\angle ABD = 14x + 20$
 $m\angle DBC = 22x - 12$
 Find x

3. Find x .**Box 2:**

a. _____ e. _____

b. _____ f. _____

c. _____ g. _____

d. _____ h. _____

Box 3:

1. $m\angle 1 =$ _____ $m\angle 2 =$ _____ 2. _____
 $m\angle 3 =$ _____ $m\angle 4 =$ _____
 $m\angle 6 =$ _____ $m\angle 7 =$ _____
 $m\angle 8 =$ _____ $m\angle 9 =$ _____
 $m\angle 10 =$ _____ $m\angle 11 =$ _____
 $m\angle 12 =$ _____ $m\angle 14 =$ _____

Box 4:

1.

2.

3.

Box 5:

1.

2. _____

3. _____

Box 6:

1.

2.

3.

Box 7:

1.

2.

3. _____

Box 8:

1.

2.

3.

Box 9:

1.

2. $x = \underline{\hspace{1cm}}$

$m\angle 1 = \underline{\hspace{1cm}}$

$m\angle 2 = \underline{\hspace{1cm}}$

$m\angle 3 = \underline{\hspace{1cm}}$

$m\angle 4 = \underline{\hspace{1cm}}$

Box 10: Complete this URL of the winning box!
http://mathbits.com/caching/G_____.html

Remember that there is a printable "Certificate".